



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

February 6, 2014

Mr. Ian Landon, Operations Manager
Range Resources – Pine Mountain, Inc.
406 West Main Street
P.O. Box 2136
Abingdon, Virginia 24212

*passed
1/26/2014*

Re: MI failure – VAS2D950BBUC
23606 #BU-1614, API #45-051-204190

Dear Mr. Landon:

The demonstration and maintenance of a well's mechanical integrity is one of the primary regulatory controls imposed by the UIC program. The owner/operator of an injection well is responsible for ensuring that the well is operated with mechanical integrity. A well is considered to have integrity if there is no significant leak in the casing, tubing and packer, and there is no significant fluid movement into an Underground Source of Drinking Water through vertical channels adjacent to the injection well bore. Any failure in well mechanical integrity is a violation of the UIC program requirements at 40 CFR Parts 144.12, 144.28 (g)(2)(iv)(A) and 146.8 and requires prompt action. The well must be immediately shut in and injection cannot resume until corrective action has been completed and a successful mechanical integrity test has been conducted.

You have provided this office with the required notification that the well mentioned above failed mechanical integrity on January 10, 2014 and was shut in. A second notice was sent to EPA that the necessary rework of the well was completed and the well passed a mechanical integrity test on January 27, 2014.

We appreciate your cooperation in this matter. If you have any questions, contact Maria Conicelli at (215) 814-5465.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen D. Johnson".

Karen D. Johnson, Chief
Ground Water and Enforcement Branch

cc: David Rectenwald